MICROH
PROFESSIONAL PRODUCTS

# RIO IP PAR126

## 12PCS*12W RGBWA+UV (6-in-1)

www.microhpro.com

# User Manual

**Please read this manual carefully before using this product!**

# 1. Safety information

**Safety warning information**

After receiving the device, please unpacking check whether any visible damage was caused during transport. If the power cord housing or the light are damaged, do not operate the device, contact your specialized dealer or manufacturer immediately.

1),Please read the user manual before energizing or installation.
2),Follow operating safety precautions and pay attention to warning signs methods and Equipment on the user manual.

**Prevent fall to injury**

1),When hanging lamps, must verify the lamp hook and facilities at least able to withstand the weight of the lamp 10 times.
2),Before installation must be verify the install hardware strong enough no other damage, and the use of safe insurance rope as auxiliary safe way, fixed on the other facilities.
3),Installing or removing equipment, must be lower the boom to a safe place.

**Prevent combustion or fire**

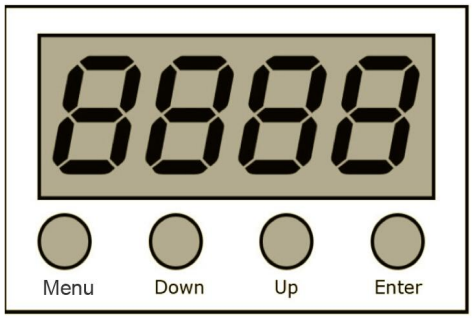
1),Please do not install the device directly on the surface of ordinary combustible material.

2),Don't short sub temperature control protection switch or fuse, must use the regulation models of fuse.
3),Equipment must be installed away from flammable materials, equipment away from flammable items or materials shortest distance is 0.5mm.
4),Fan or ventilation at least within the range of 0.3m cannot have obstacles.
5),Allow equipment to cool at least 15 minutes before handling.

# 2. Packing information

| Item Name | QTY | Unit |
|---|---|---|
| The LED par light | 1 | pcs |
| Signal wire | 1 | pcs |
| Power wire | 1 | pcs |
| User manual: | 1 | pcs |

## 3. Key Description:




**MENU:** Access the menu

**DOWN:** "reduction key" or "key under the selected"; decrease the value function down menu.

**UP:** "add key" or "selection on the key"; increase the value function, shift on the menu

**ENTER:** Is used to select and confirm/store the current selection

## 4. Menu Display:

| No | Display Show | Numerical Value | Function and Description |
|---|---|---|---|
| 1 | d001 | 001- 512 | DMX512 address setting -10-channel mode |
| 2 | A001 | 001- 512 | DMX512 address setting -6-channel mode |
| 3 | r255 | 000 - 255 | Red dimming ， from dark to bright |
| 4 | G255 | 000 - 255 | Green dimming ， from dark to bright |
| 5 | b255 | 000 - 255 | Blue dimming ， from dark to bright |
| 6 | u255 | 000 - 255 | White dimming ， from dark to bright |
| 7 | Y255 | 000 - 255 | Amber dimming ， from dark to bright |
| 8 | P255 | 000 - 255 | UV dimming ， from dark to bright |
| 9 | FH99 | 01 - 99 | Strobe，speed from slow to fast |
| 10 | CL01 | 01 - 08 | 8 kinds of color output. |
| 11 | CC01 | 01 - 99 | Color jumping，speed from slow to fast |
| 12 | DE99 | 01 - 99 | Color Gradual change，speed from slow to fast |
| 13 | CP99 | 01 - 99 | Color Pulse change，speed from slow to fast |
| 14 | SU01 | 01 - 09 | mode：1-8 color strobe，9 is color jumping |

## 5. Setting DMX512 console channel address:

After starting DMX512 console, etc. LCD display console initialization has been completed, press Program key, until the top of the light is flashing, then press the button below channel 1, channel 1 indicator light DMX512 console's address is 10000000, to promote channel faders can be DMX512 console control. Choose DMX512 address consistent with DIP, light to enter the DMX512 control console for the state. The products selected as 10000000 DMX512 console take effect.

## 6. DMX512 Controller Channel Function:

### 6 Channel Mode:

| Channel | Function | Description |
|---|---|---|
| CH1 | R dimming | Red dimming ， from dark to bright |
| CH2 | G dimming | Green dimming ， from dark to bright |
| CH3 | B dimming | Blue dimming ， from dark to bright |
| CH4 | W dimming | White dimming ， from dark to bright |
| CH5 | A dimming | Amber dimming ， from dark to bright |
| CH6 | UV dimming | UV dimming ， from dark to bright |

### 10 Channel Mode:

| Channel | Function | Description |
|---|---|---|
| CH1 | Master Dimmer | RGBWAUV master dimmer, from dark to bright |
| CH2 | R dimming | Red dimming ， from dark to bright |
| CH3 | G dimming | Green dimming ， from dark to bright |
| CH4 | B dimming | Blue dimming ， from dark to bright |
| CH5 | W dimming | White dimming ， from dark to bright |
| CH6 | A dimming | Amber dimming ， from dark to bright |
| CH7 | UV dimming | UV dimming ， from dark to bright |
| CH8 | Master strobe | RGBWAUV master strobe ,from slow to fast |
| CH9 | Function selection | 0—50：controlled by CH1-CH8；<br>51－100：8 kinds of color output.；<br>101—150：Color jumping；<br>151—200：Color Gradual change；<br>201—250：Color Pulse change;<br>251-255：Sound control |
| CH10 | Function speed | Function speed from slow to fast (Color output when the color selection) |

## 7. The Special Function

Long press the **"MENU"** button does not release until **"0000"** and the first flash, then release the button, press the **"MENU"** switch function number, use **UP** or **DOWN** keys to select, press **ENTER** to save the settings and exit

| No | Display Show | Numerical Value | Function and Description |
|---|---|---|---|
| 1 | 000 | 000 | Off all lights |
| 2 | r255 | 000 - 255 | Red channel current setting, from small to large, from dark to bright |
| 3 | G255 | 000 - 255 | Green channel current setting, from small to large, from dark to bright |
| 4 | b255 | 000 - 255 | Blue channel current setting, from small to large, from dark to bright |
| 5 | u255 | 000 - 255 | Red channel current setting, from small to large, from dark to bright |
| 6 | Y255 | 000 - 255 | Amber channel current setting, from small to large, from dark to bright |
| 7 | P255 | 000 - 255 | UV channel current setting, from small to large, from dark to bright |
| 8 | rGbu | - | Full bright |
| 9 | py32 | - | Program Version |
| 10 | nod1 | 1/2 | When the channel mode display nod2 mode: the Channel function is :<br>1 Total dimming, 2 strobe , 3 function, 4 function Speed, 5 red, 6 green, 7 blue, 8 white, 9 amber , 10 UV |
| 11 | P235 | 50-255 | After the lamp PCB plate temperature reaches 70 degrees, the LED lamp 's reduced power rate is : as set 200: current (brightness) = 200/255 = 78% |
| 12 | Ft50 | 45-70 | Temperature setting when fan at full speed , when the temperature is below 15 degrees, the fan will start.<br>If below the set value 5 degrees, the fan speed will be reduced one rank |

## 8. Cleaning and Maintenance

**CAUTION!**

Disconnect from main power before starting maintenance operation!

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

1) Clean with soft cloth using normal glass cleaning fluid.
2) Always dry the parts carefully.
3) Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

## 9. Specification:

Rated voltage: 95V-240VAC, 50/60Hz
Power Consumption:144W
Lamp:12*12W RGBWA+UV(6 in 1) LEDs
Bean angel:$15^0$
DMX512 Channels: 6/10CH
Waterproof Grade: IP65
Dimming:0-100%
Cooling system: Convection
Function: Auto-run feature, DMX-512 control console, Voice-activated functions
Fixtures Size:215x215x120mm
Gross Weight:8KG

**This unit is covered by a 2 Year Manufacturer's warranty. Please contact the store you purchased this unit to arrange any warranty repairs. Please keep your invoice to show proof of purchase date.**